



# PUBLIC NOTICE

**File Number: NRS 14.106**

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Pursuant to Chapter 0400-40-07 of the Department's rules, the proposed activity described below has been submitted for approval under an Aquatic Resource Alteration Permit (this also includes §401 Water Quality Certifications). This notice is intended to inform interested parties of this permit application and to ask for comments and information necessary to determine possible impacts to water quality. No decision has been made whether to issue or deny this application.

**APPLICANT:** Marlin Keel – Director of Public Works  
City of Mount Juliet  
71 East Hill Street  
(615) 773-7957

**LOCATION:** Unnamed tributary to Stoners Creek adjacent to West Division Street,  
Mt. Juliet, Wilson County, TN  
Impact #1: Latitude 36.2052, Longitude -86.5276  
Impact #2: Latitude 36.2054, Longitude -86.5274  
Impact #3: Latitude 36.2088, Longitude -86.5248  
Impact #4: Latitude 36.2089, Longitude -86.5247

Unnamed tributary 1 to Cedar Creek adjacent to Woodridge Place,  
Mt. Juliet, Wilson County, TN  
Impact #5: Latitude 36.2199, Longitude -86.5104  
Impact #11: Latitude 36.2182, Longitude -86.5133

Unnamed tributary 2 to Cedar Creek adjacent to Creekwood Drive,  
Mt. Juliet, Wilson County, TN  
Impact #6: Latitude 36.2254, Longitude -86.5073

Unnamed tributary 3 to Cedar Creek adjacent to Creekside Drive and Sunset  
Drive, Mt. Juliet, Wilson County, TN  
Impact #7: Latitude 36.2273, Longitude -86.5090  
Impact #8: Latitude 36.2275, Longitude -86.5097  
Impact #9: Latitude 36.2288, Longitude -86.5215  
Impact #10: Latitude 36.2288, Longitude -86.5216

**PROJECT DESCRIPTION:** The applicant proposes to replace an existing 10-inch force main sewer with approximately 3,700 linear feet of 18-inch gravity sewer and approximately 12,000 linear feet of 18-inch force main sewer adjacent to West Division Street and US Highway 70 in Mt. Juliet, Wilson County TN. The proposed project will utilize existing crossings of an unnamed tributary to Stoners Creek at four locations, an unnamed tributary to Cedar Creek at two locations, a second

unnamed tributary to Cedar Creek at one location and a third unnamed tributary to Cedar Creek at four locations. The proposed activities will not require mitigation.

**DEGRADATION:** In accordance with the Tennessee Antidegradation Statement (Rule 0400-40-03-.06), the division has determined that the proposed activities will not result in degradation to water quality.

**WATERSHED / WATERBODY DESCRIPTION:** This project is in portions of the Stones River (HUC 5130203) and the Old Hickory Reservoir (HUC 5130201) watersheds. The unnamed tributaries vary from 3 to 15 feet in width with banks varying from 2 to 4 feet in height and are bed-rock bottom streams with packed stone, loose stone and soil. The current land use is residential with light commercial and municipal facilities intermixed, and the riparian vegetation consists of local scrub saplings and mowed residential lawns.

The Stones River watershed encompasses portions of 4 counties and drains approximately 921 square miles. For more information on this watershed, please visit <http://www.state.tn.us/environment/water/watersheds/stones-river.shtml>

**Stream Name / ID #:** Unnamed tributary to Stoners Creek (TN05130203035\_0999)

**Ecoregion:** Inner Nashville Basin (71i)

**Stream Dimension:** Channel bottom width: approximately 5 feet  
Channel top width: approximately 5 feet  
Water depth: approximately ½ to 1 foot  
Bank height: approximately 2 feet

**Substrate:** Bedrock and loose stone

Designated Use	Use Support	Causes
Fish and aquatic life	Not Assessed	
Recreation	Not Assessed	
Irrigation	Not Assessed	
Livestock watering & wildlife	Not Assessed	

**Assessment Date:** N/A

The Old Hickory Reservoir watershed encompasses parts of 7 counties and drains 983 square miles. For more information on this watershed, please visit <http://www.state.tn.us/environment/water/watersheds/old-hickory-lake.shtml>

**Stream Name / ID #:** Unnamed tributary 1 to Cedar Creek (TN05130201011\_0900)

**Ecoregion:** Inner Nashville Basin (71i)

**Stream Dimension:** Channel bottom width: approximately 15 feet  
Channel top width: approximately 15 feet  
Water depth: approximately 6 inches  
Bank height: approximately 1 foot

**Substrate:** Packed Gravel and loose stone

Designated Use	Use Support	Causes
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Fish and aquatic life	Not Assessed
Recreation	Not Assessed
Irrigation	Not Assessed
Livestock watering & wildlife	Not Assessed

**Assessment Date:** N/A

**Stream Name / ID #:** Unnamed tributary 2 to Cedar Creek (TN05130201011\_0900)

**Ecoregion:** Inner Nashville Basin (71i)

**Stream Dimension:** Channel bottom width: approximately 6 feet  
 Chanel top width: approximately 6 feet  
 Water depth: approximately 8 inches  
 Bank height: approximately 4 feet

**Substrate:** Bedrock

Designated Use	Use Support	Causes
Fish and aquatic life	Not Assessed	
Recreation	Not Assessed	
Irrigation	Not Assessed	
Livestock watering & wildlife	Not Assessed	

**Assessment Date:** N/A

**Stream Name / ID #:** Unnamed tributary 3 to Cedar Creek (TN05130201011\_0900)

**Ecoregion:** Inner Nashville Basin (71i)

**Stream Dimension:** Channel bottom width: approximately 3 to 15 feet  
 Chanel top width: approximately 3 to 15 feet  
 Water depth: approximately 1 to 2 feet  
 Bank height: approximately 3 feet

**Substrate:** Bedrock, loose stones and soil

Designated Use	Use Support	Causes
Fish and aquatic life	Fully Supporting	
Irrigation	Fully Supporting	
Livestock watering & wildlife	Fully Supporting	

**Assessment Date:** May 8, 2012

**PERMIT COORDINATOR:** Mark Jordan

**FACTORS CONSIDERED:** In deciding whether to issue or deny a permit, the department will consider all comments of record and the requirements of applicable federal and state laws. In making this decision, a determination will be made regarding the lost value of the resource compared to the value of any proposed mitigation. The department shall consider practicable alternatives to the alteration. The department shall also consider loss of waters or habitat, diminishment in biological

diversity, cumulative or secondary impacts to the water resource, and adverse impact to unique, high quality, or impaired waters.

**COMMENTING:** Persons wishing to comment on the proposal are invited to submit written comments to the department. Written comments must be received within **thirty days of the date that this notice is posted**. Comments will become part of the record and will be considered in the final decision. The applicant's name and permit number should be referenced. Send all written comments to the department's address listed below and to the attention of the permit coordinator.

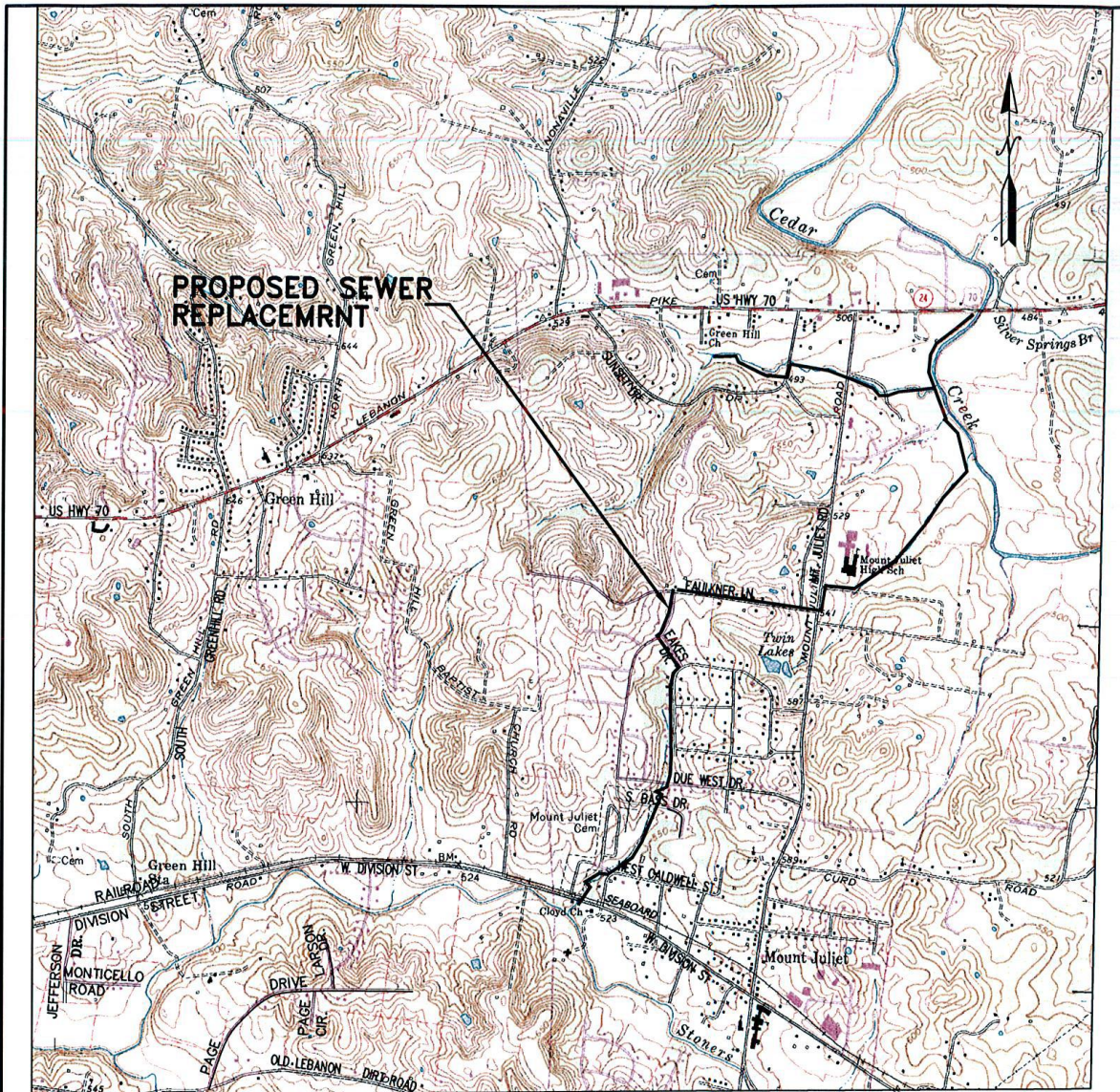
**PUBLIC HEARING:** Interested persons may request in writing that the department hold a public hearing on this application. The request must be filed within the comment period, indicate the interest of the person requesting it, the reasons that the hearing is warranted, and the water quality issues being raised. When there is sufficient public interest in water quality issues, the department will hold a public hearing. Send all public hearing request to the department's address listed below and to the attention of the permit coordinator.

**APPEAL:** A permit appeal may be filed, pursuant to T.C.A. §§ 69-3-105(i) and Rule 0400-40-03-.12, by the permit applicant or by any aggrieved person who participated in the public comment period announced by this notice. This petition must be filed within THIRTY (30) DAYS after public notice of the issuance of the permit. The petition must specify what provisions are being appealed and the basis for the appeal. It should be addressed to the technical secretary of the Tennessee Board of Water Quality, Oil and Gas at the following address: Dr. Sandra Dudley, Director, Division of Water Resources, William R. Snodgrass Tennessee Tower, 312 Rosa L. Parks Ave, 12<sup>th</sup> floor, Nashville, TN. Any hearing would be in accordance with T.C.A. §§69-3-110 and 4-5-301 et seq.

**FILE REVIEW:** The permit application, supporting documentation including detailed plans and maps, and related comments are available at the department's address (listed below) for review and/or copying.

Tennessee Department of Environment & Conservation  
Division of Water Resources, Natural Resources Unit  
ATTN: Mark Jordan  
William R. Snodgrass Tennessee Tower  
312 Rosa L. Parks Avenue, 11th Floor  
Nashville, Tennessee 37243

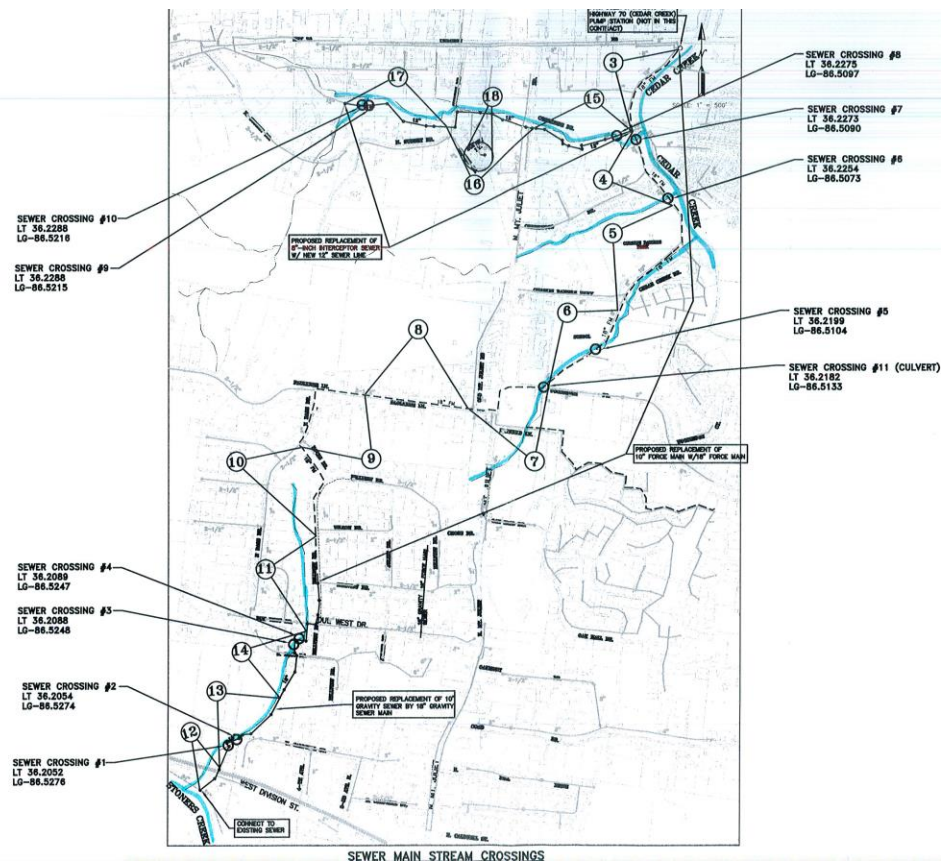




LOCATION MAP — MT. JULIET QUAD  
NOT TO SCALE

WMS #13157





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CITY OF MT. JULIET, TENNESSEE  
DEPARTMENT OF PUBLIC WORKS

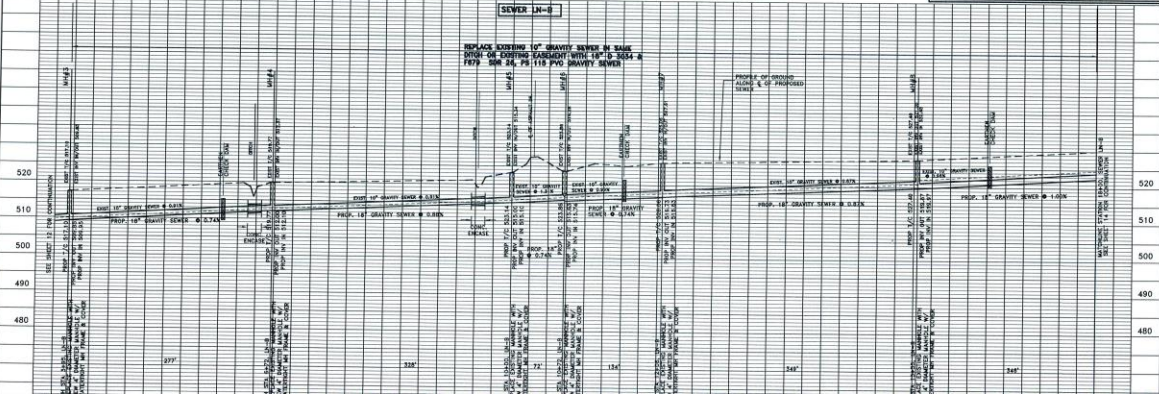
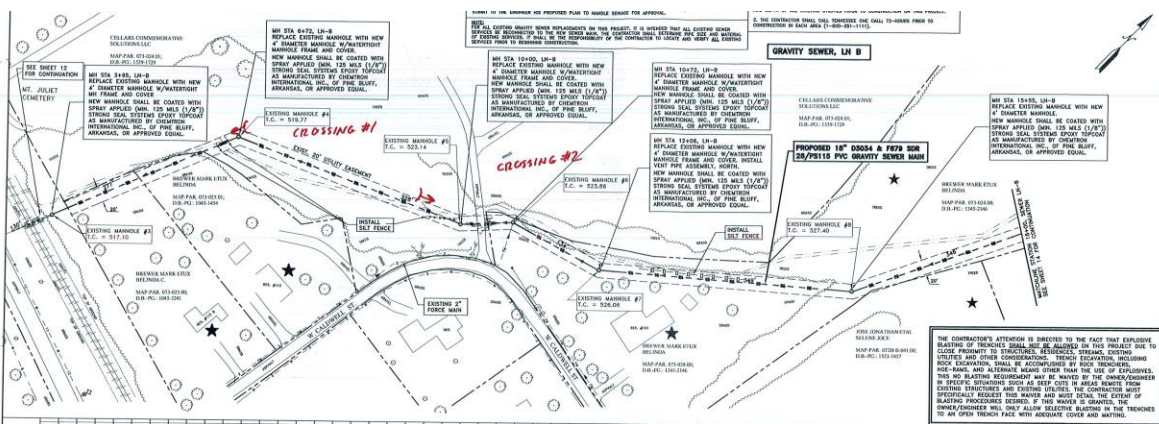
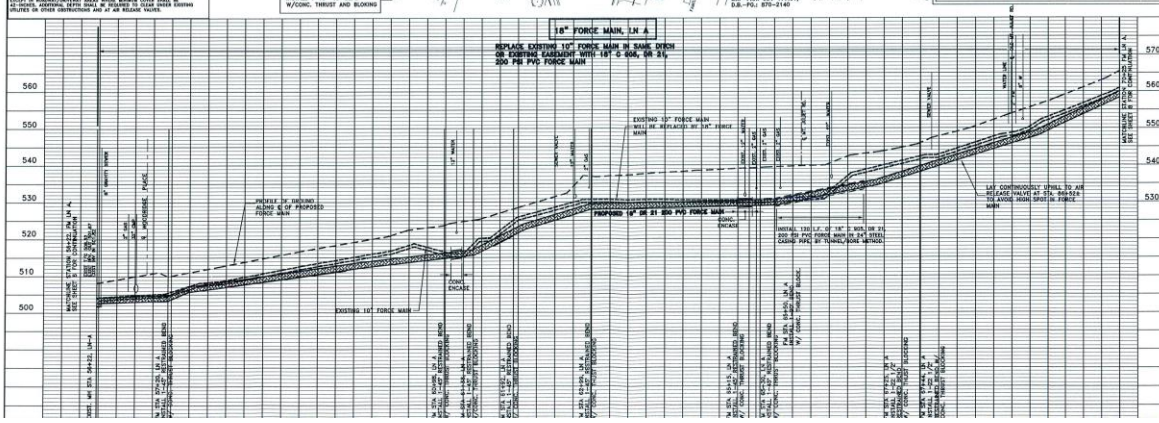
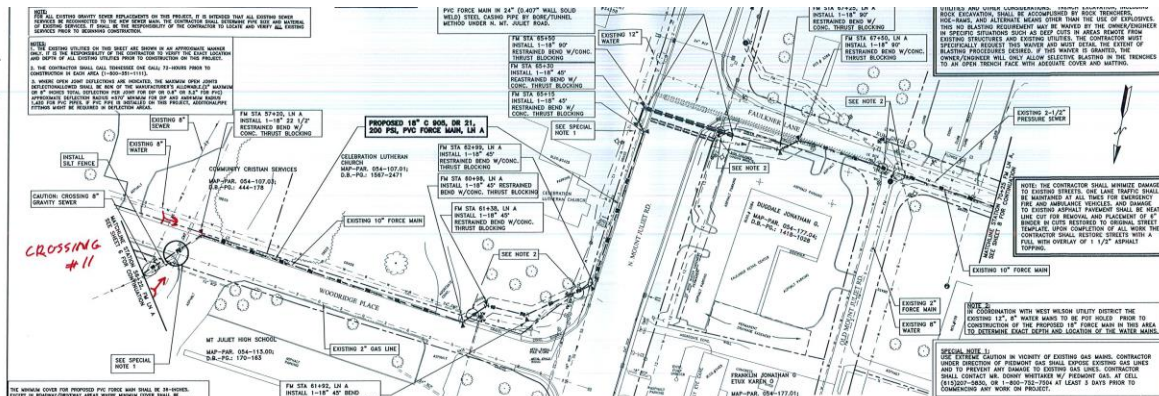
ADDITIONS AND MODIFICATIONS TO THE  
HIGHWAY 70 PUMP STATION

**Water Management Services, LLC**  
PROFESSIONAL ENGINEERING SERVICES

RECORDED BY	T.W.O.
INDEXED BY	T.O.P.
CLASSIFIED BY	S.I.M.
DATE	2-5-14
TIME	AS SHOWN







CITY OF MT. JULIET, TENNESSEE  
DEPARTMENT OF PUBLIC WORKS  
HURLOCK ROAD, CROOKS CREEK  
SEWERAGE FACILITIES

Water Management Services, LLC  
Professional Engineering Services

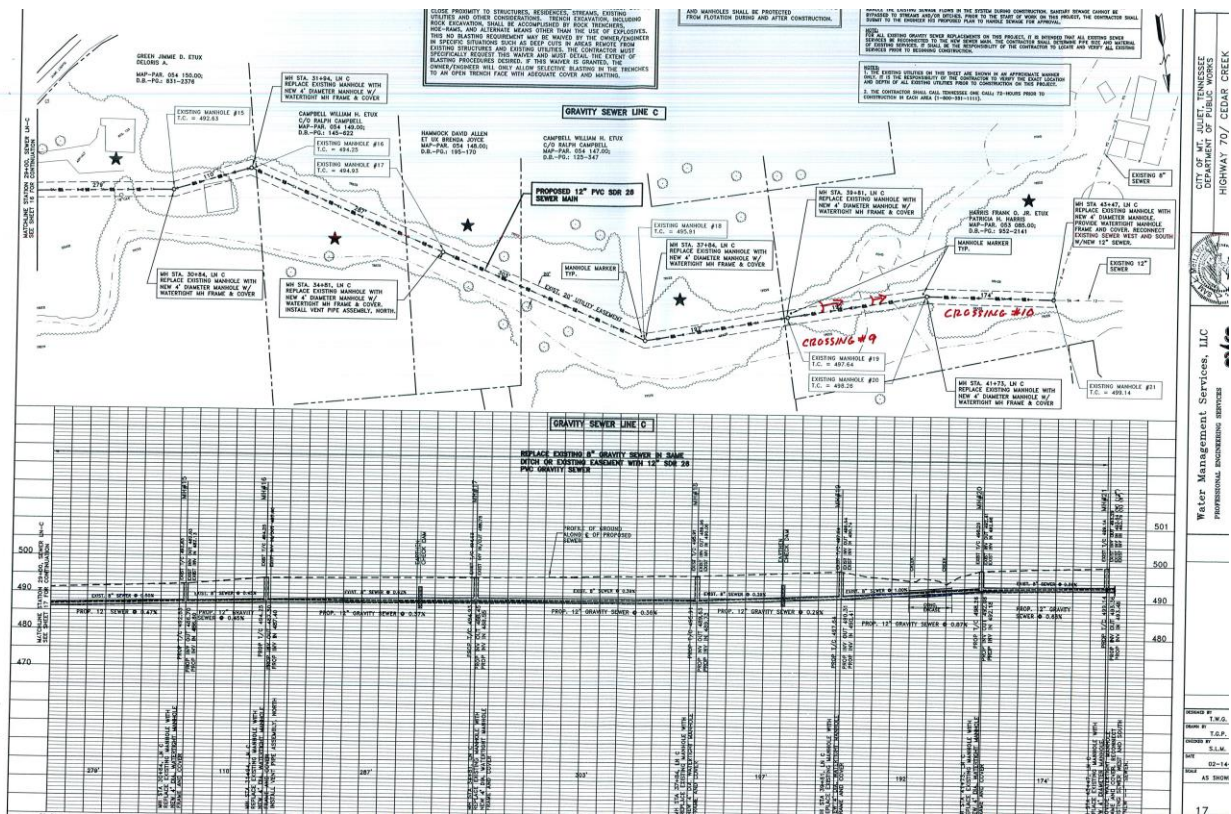
DESIGNED BY: W.G.  
DRAWN BY: S.P.  
CHECKED BY: S.L.M.  
SCALE: 1"=40'  
SHEET NO. 7

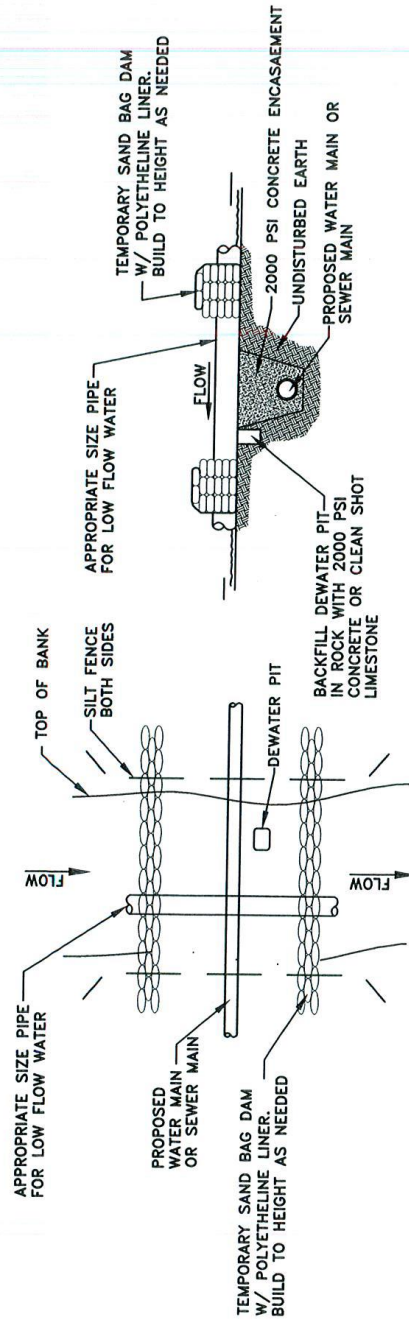
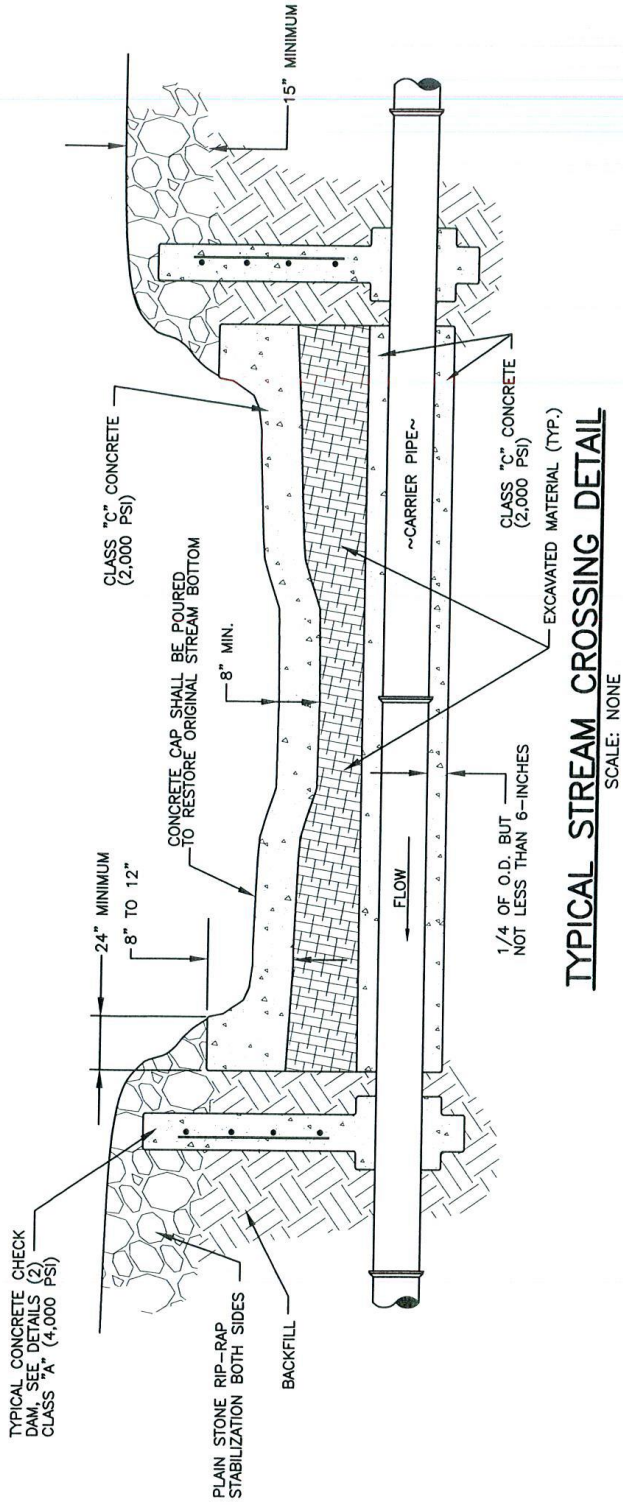
CITY OF MT. JULIET, TENNESSEE  
DEPARTMENT OF PUBLIC WORKS  
HURLOCK ROAD, CROOKS CREEK  
SEWERAGE FACILITIES

Water Management Services, LLC  
Professional Engineering Services

DESIGNED BY: T.W.S.  
DRAWN BY: S.P.  
CHECKED BY: S.L.M.  
SCALE: 1"=40'  
SHEET NO. 13







**TYPICAL LOW FLOW STREAM CROSSING DETAIL**



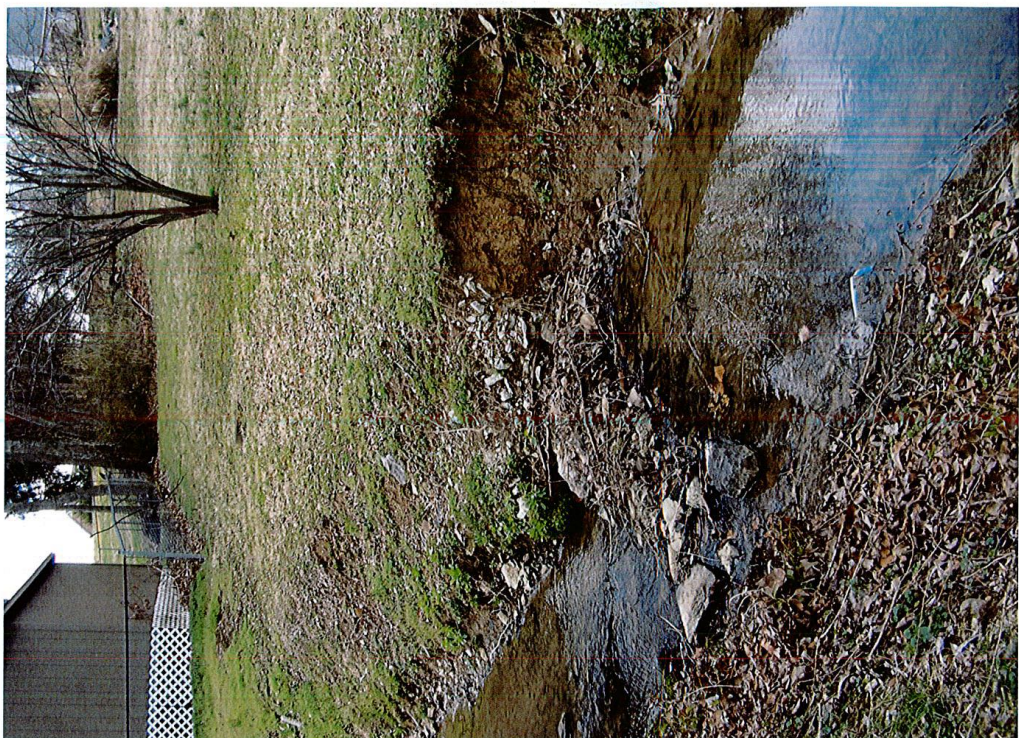


#1



#2





#4



#3





#5



#6

#6  
↩





#7



#8





#10



#9





#11  
up str.



#11  
down  
stream



